

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/852,659

DATE: 05/31/2001
TIME: 15:23:57

Input Set : A:\PZ003p4seqlist05112001.txt
Output Set: C:\CRF3\05312001\I852659.raw

2 <110> APPLICANT: Rosen et al.
4 <120> TITLE OF INVENTION: 28 Human Secreted Proteins
6 <130> FILE REFERENCE: PZ003P4
C--> 8 <140> CURRENT APPLICATION NUMBER: US/09/852,659
9 <141> CURRENT FILING DATE: 2001-05-11
11 <150> PRIOR APPLICATION NUMBER: 60/265,583
12 <151> PRIOR FILING DATE: 2001-02-02
14 <150> PRIOR APPLICATION NUMBER: 09/152,060
15 <151> PRIOR FILING DATE: 1998-09-11
17 <150> PRIOR APPLICATION NUMBER: PCT/US98/04858
18 <151> PRIOR FILING DATE: 1998-03-12
20 <150> PRIOR APPLICATION NUMBER: 60/040,762
21 <151> PRIOR FILING DATE: 1997-03-14
23 <150> PRIOR APPLICATION NUMBER: 60/040,710
24 <151> PRIOR FILING DATE: 1997-03-14
26 <150> PRIOR APPLICATION NUMBER: 60/050,934
27 <151> PRIOR FILING DATE: 1997-05-30
29 <150> PRIOR APPLICATION NUMBER: 60/048,100
30 <151> PRIOR FILING DATE: 1997-05-30
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33 <151> PRIOR FILING DATE: 1997-05-30
35 <150> PRIOR APPLICATION NUMBER: 60/048,189
36 <151> PRIOR FILING DATE: 1997-05-30
38 <150> PRIOR APPLICATION NUMBER: 60/057,765
39 <151> PRIOR FILING DATE: 1997-09-05
41 <150> PRIOR APPLICATION NUMBER: 60/048,970
42 <151> PRIOR FILING DATE: 1997-06-06
44 <150> PRIOR APPLICATION NUMBER: 60/068,368
45 <151> PRIOR FILING DATE: 1997-12-19
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55 <212> TYPE: DNA
56 <213> ORGANISM: Homo sapiens
58 <400> SEQUENCE: 1
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61 tctcccgac tcctgaggc acatgcgtgg tggtgacgt aagccacgaa gaccctgagg 180
62 tcaagttcaa ctggtaacgtg gacggcggtgg aggtgcataa tgccaagaca aagccgcggg 240
63 aggagcagta caacagcacg taccgtgtgg tcagcgtcct caccgtcctg caccaggact 300
64 ggctgaatgg caaggaggtac aagtgcagg tctccaacaa agccctccca acccccatcg 360
65 agaaaaccat ctccaaagcc aaagggcagc cccgagaacc acagggtgtac accctgcccc 420
66 catccccggga tgagctgacc aagaaccagg tcagcctgac ctgcctggc aaaggcttct 480
67 atccaagcga catcggcggtg gagtgggaga gcaatgggca gccggagaac aactacaaga 540
68 ccacgcctcc cgtgctggac tccgacggct cttcttcct ctacagcaag ctcaccgtgg 600
69 acaagagcag gtggcagcag gggAACgtct tctcatgctc cgtgatgcat gaggtctgc 660

ENTERED
Sec p.5
2

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 80 <221> NAME/KEY: Site
 81 <222> LOCATION: (3)'
 82 <223> OTHER INFORMATION: Xaa equals any of the twenty naturally occurring L-amino acids
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 86 1 5
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 95 cccgaaatat ctgccatctc aattag 86
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 115 gcccctaact cccgcccattc tccgccccat ggctgactaa ttttttttat 180
 116 ttatgcagag gccgaggccg cctcggcctc tgagctattc cagaagttagt gaggaggctt 240
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RAW SEQUENCE LISTING
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Output Set: C:\CRF3\05312001\I852659.raw

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165 cagttccggc catttccgc cccatggctg actaattttt ttatattatg cagaggccga	180
166 gcccgcctcg gcctctgagc tattccagaa gtagtgagga ggctttttg gaggcctagg	240
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176 <221> NAME/KEY: SITE	
177 <222> LOCATION: (839) /	
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183 agccaaggcag acagctgcgg gtgcccaga ccttgctggg cctgcgcgtg aggagtccca	180
184 ctgcttctaa aggaagtccct gggcaggagg tggcttggg ggttggttcc aaagttgaaa	240
185 atgcttgcag tttgaccta gaagaagtgg gaagaagaag gagctctaca gggtcagctt	300
186 tgtttgatt gtccagtcta agaagtccca ttgccaaagc tttctgcagg agggtgaatg	360
187 cccgagcttg gcagccccctg gtttctt ggaatggtc agttccctt caaagtaccc	420
188 aaagtagct tggcttgagt ttttgcctt gcctccttt tagagaagag ggcatttaga	480
189 ctgcattttc ctggtaaaag aaggtaaaag caaatgtta ttgcctttc tagtgaacta	540
190 actcgttagag atgttctcag caggaagaca gtcttagcac tgtcaacttag cagattgcac	600
191 ttaagtccct tgcgtggcc agatggcgtg gctgggtgcc ttaatatgtc ccaggacccc	660
192 tgacagggt gcctggctc tccctcgtc tcctcaagag cccagtcctt acactgtgga	720
193 tgtcattgtc gtcgggttag gaagtctgt cctagaacgc cctggctgg atgaccacag	780
W--> 194 ttcatggcgg ctcttcgc ttgggtcatg gtcatcttcc agcacctgct gtgctggna	840
195 aggccgagta tggggccca gcaactgtcca ggctgtgg ggctggctg ggagtccctgt	900
196 gggcagcatg gaacatgcag ctgggttcc tgcgtggcagg caccctctgg cactgttgc	960
197 tgccctgtgc cctggacctt ttccctgcct tctccctt ctgctccctt gggctaccc	1020
198 ctggccctt cctggctgt gcaaactccc tcagggagcc cccctgcctt gtagctctcr	1080

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Input Set : A:\PZ003p4seqlist05112001.txt
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199	cttaacttcc	tagggctgc	tgagcccacc	cagaggttgt	tggagttcag	cggggcagct	1140
200	tgtctccctt	gtcagcaggg	gcgtaaaggc	tgggttggc	catacaaggt	tggctacgcc	1200
201	ctcaatccct	gaccgttcca	ggcactgagc	tgggcaccca	cggaaggaca	tgctgtccag	1260
202	actgtatgta	ctgccagcac	agggcatctc	gggcttggct	ggtctgcgag	gccttgcccc	1320
203	tgtgaaactc	tgggttcttg	tttctcagt	ctttttgcg	gctttgtgt	ggttggcagc	1380
204	tgccgtactc	caggctgtg	tcggccactc	agatgagggc	tgtgtgcga	gccagtgcag	1440
205	gagagctgcg	cttgggattt	tgccctctcc	tgtgtctgtc	ctccggacct	accaggct	1500
206	ccaccatca	gaccctgtct	ttgggtttag	aagaccaagt	atggggaaaa	ccaggcacca	1560
207	gcctctgcag	caatgggtcc	ctctagctg	tggacaccag	ctgggggatc	cagggtcagg	1620
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211	ttaatgctg	atctactata	agttattcta	tatttatatg	acttcagaga	cgcgtatgt	1860
212	ataaaggacg	ccctccctcc	agtgtccaca	tccagttcac	cccagagggt	cgggcagggt	1920
213	gacatattta	tttttgtcta	ttctgttaggc	ttccatgtcc	agaatctgc	ttaagggttt	1980
214	agggtacctt	cagtactttt	tgcaataaaaa	gtatcccta	tccaaaaaaaa	aaaaaaaaaa	2040
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225	actgcagcgg	gatggaccag	tactgcattc	tggggccat	cggggagggc	gcccammgc	120
226	tcgtcttcaa	ggccaagcac	gtggagactg	gcfagatgt	tgcctcaag	aaggtggccc	180
227	taaggcggtt	ggaagacggc	ttcccttaacc	aggccctgcg	ggagattaag	gctctgcagg	240
228	aratggagga	caatcagttat	gtggtacaac	tgaaggctgt	gttcccacac	ggtggaggct	300
229	ttgtgctggc	cttgagttc	atgctgtcg	atctggccg	ggtggtgcgc	catgcccaga	360
230	gcccaactgc	ccaggcacag	gtcaagagct	acctgcagat	gctgctcaag	ggtgtcgct	420
231	tctgcccattc	caacaacatt	gtacatcg	acctgaaacc	tgcacactg	ctcatcagcg	480
232	cctcaggcca	gctcaagata	gcggactttg	gcctggctcg	agtctttcc	ccagacggca	540
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234	gatctccattt	aaggagcagg	tgcccatgcc	cctggaggak	gtgctgcctg	acgtctctcc	660
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236	ttccaaggct	ctcctccatc	agtacttctt	cacagctccc	ctgcctgccc	atccatctga	780
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238	catccatgac	ttccacgtgg	accggccctc	tgaggartcg	ctgttgaacc	cararctgat	900
239	tcggcccttc	atccctggarg	ggtgagaagt	tggccctgtt	cccgctctg	tgctcctcag	960
240	gaccactcg	tccacctgtt	cctctgcac	ctgcctggct	tcaccctcca	aggcctcccc	1020
241	atggccacag	tggggccaca	ccacaccctg	ccccttagcc	cttgcgaagg	tttgtctcga	1080
242	rgcagargtc	atgttccag	ccaagagat	gagaacatcc	agtcgagcag	aggagattca	1140
243	tggctgtsc	tcggtgagcc	ttaccttctg	tgtgttccac	atcaactgagc	actcatttag	1200
244	aagtgaggg	gacagaagtc	tagscccagg	gatggctcca	gttggggatc	cagcaggaga	1260
245	ccctctgcac	atgaggctgg	tttmcaca	tctactccct	caggatgagc	gtgagccaga	1320
246	agcagctgt	tatttaagga	aaacaagcg	cctggattt	atttataat	ttaataaaatc	1380
247	ccaatataat	cccagctagt	gctttttct	tattataatt	tgataaggt	atttataaaag	1440
248	atacatggaa	ggaagtggaa	ccagatgcag	aagagaaat	gatgaaagga	cttatggat	1500
249	cagataccaa	tatttaaaag	tttgataat	aataaaagat	atgattgtgg	tcaaggata	1560
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Input Set : A:\PZ003p4seqlist05112001.txt
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 256 <213> ORGANISM: Homo sapiens
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261	aattgcaggg	cagcctgcca	tgatcttct	cacttactcc	tctcccatc	agcaatcaac	180	
262	cagactaagg	agttttgatc	ccttagtgatt	acagccctga	agaaaattaa	atctgaatta	240	
263	attttacatg	gccttcgtga	tctttctgct	gttcttactt	tttgcataatgt	agttgggggg	300	
264	tgggagggac	aggttatggt	atttaaagag	aataaaacatt	ttgcacatac	atgtattgt	360	
265	caacagtaag	atcctctgtt	aaaaccagct	gtcctgttct	ccatctccat	ttcttccat	420	
266	gctgttaacc	caggtccac	cagctgttcc	ccagtgtatgt	tacctagctt	ccctctaccg	480	
267	ttgtctactg	accatttcca	ctacatgcct	ttccttacctt	cccttcacaa	ccaatcaagt	540	
268	gaatacttga	ttattatctc	ttccttactg	tgctttatct	tttttgtttt	gattgttct	600	
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	286	taagagctgt	ggtgagacct	tcaactccat	caccaagagg	aggcatcact	gcaagctgt	180
	287	tggggcggtc	atctgtggta	agtgtccga	gttcaaggcc	gagaacagcc	ggcagagcct	240
	288	gtctgcagag	attgtttcct	gacacagcca	gtggccctg	agagcacaga	gaagacaccc	300
	289	actgcagacc	cccagccag	cctgctctgc	ggcccccgc	ggctgttyaga	gagcgttgag	360
	290	acctggagcg	agggtgtggc	cgccatcccc	atgtcagatc	cccaggtgct	gcacctgcag	420
	291	gkaggcagcc	aggacggccg	gctgccccgc	accatccctc	tccccagctg	caaactgagt	480
	292	gtgcccggacc	ctgaggagag	gctggactcg	ggcatgtgt	ggaagctgca	gtggggccaag	540
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	294	agcactgctg	cccatgggaa	cacggccca	gacagcccg	ggccctgca	gcttcaggc	660
	295	cctatggcgc	cagtgcctcg	tgagctgagt	ctcccactgc	cctgcacacc	accacattgg	720
	296	acctgtgtg	tcctgggagg	tggtgttgg	ggcccccgt	agagcgcct	ggacttgctt	780
	297	gagggtggc	caacagccca	gagytcaag	catttgcctt	tggggggaa	gaaaytgagg	840
	298	cccagagagg	ggcaaccayt	ggcaaggg	caccagcaa	gttttgyta	agagcctggc	900
	299	ctccagccccc	agcagtktgg	cccagagccg	ggggcgaytg	ccaaagtaac	catcatccat	960
	300	atggggcgtg	tggtgatgct	ggcccgaaag	gcagaaagag	gcagcatgg	cactgcccgg	1020
	301	gacagccaca	tcctgctgg	ctgcagcgt	gtccaccccg	cctctggcca	gcctgtctac	1080
	302	accgtgtgag	ctgaatctg	acttgctcc	caccccttt	ctctgtcctc	tcctgagggt	1140
	303	ctgcctgcag	ccccaggag	gtggccctgc	cccatcttag	ctggactcat	ggttcctaaa	1200
	304	taaccacgct	cagaagctct	gctaggactt	accccagcca	ctgagtgcc	ggcgcatgag	1260
	305	atttgtggct	gttcctgtat	ctagtgccac	acagtgccta	tctgcataaa	taaacactgg	1320
	306	scaccaaaaaa	aaaaaaaaaa	aaaaaaaaaa				1348

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY
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Input Set : A:\PZ003p4seqlist05112001.txt
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L:85 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
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L:284 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:397 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:446 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
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L:585 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
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L:2163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64
L:2269 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66
L:2584 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74
L:2596 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74
L:2656 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76
L:2659 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76
L:2748 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77
L:2772 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77
L:2781 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77
L:2850 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/852,659

DATE: 05/31/2001
TIME: 15:23:58

Input Set : A:\PZ003p4seqlist05112001.txt
Output Set: C:\CRF3\05312001\I852659.raw

L:2865 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77
L:3105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85
L:3108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85
L:3209 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89
L:3224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89
L:3242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:90
L:3423 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95
L:3826 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104
L:3853 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104
L:3859 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104
L:3874 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104
L:3924 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106
L:3930 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106
L:3933 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106
L:3957 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107
L:4183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118
L:4189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118
L:4192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118
L:4213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118